OIPE

RAW SEQUENCE LISTING

DATE: 08/01/2001

PATENT APPLICATION: US/09/751,877

TIME: 12:21:15

Input Set : D:\SEQLIST\Seqlist.txt

Output Set: N:\CRF3\08012001\I751877.raw

```
3 <110> APPLICANT: Yen, Frances
             Denison, Blake
             Bour, Barbara
                                                                    ENTERED
             Bihain, Bernard
             Dumas Milne Edwards, Jean-Baptiste
             Duclert, Aymeric
             Bouqueleret, Lydie
    10
             Ebbets-Reed, Dana
    11
             Salter-Cid, Luisa
    13 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC CELL
GROWTH
    15 <130> FILE REFERENCE: 89.US3.REG
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/751,877
C--> 17 <141> CURRENT FILING DATE: 2000-12-28
    17 <160> NUMBER OF SEQ ID NOS: 6
    19 <170> SOFTWARE: Patent.pm
    22 <210> SEQ ID NO: 1
    23 <211> LENGTH: 81001
    24 <212> TYPE: DNA
    25 <213> ORGANISM: Homo sapiens
    27 <220> FEATURE:
    28 <221> NAME/KEY: misc_feature
    29 <222> LOCATION: 10946..12946
    30 <223> OTHER INFORMATION: 5'regulatory region
    32 <220> FEATURE:
    33 <221> NAME/KEY: exon
    34 <222> LOCATION: 12947..12958
    35 <223> OTHER INFORMATION: exon 1
    37 <220> FEATURE:
    38 <221> NAME/KEY: exon
    39 <222> LOCATION: 13470..13526
    40 <223> OTHER INFORMATION: exon 2
    42 <220> FEATURE:
    43 <221> NAME/KEY: exon
    44 <222> LOCATION: 13641..13752
    45 <223> OTHER INFORMATION: exon 3
    47 <220> FEATURE:
    48 <221> NAME/KEY: exon
    49 <222> LOCATION: 14271..15968
    50 <223> OTHER INFORMATION: exon 4
    52 <220> FEATURE:
    53 <221> NAME/KEY: misc_feature
    54 <222> LOCATION: 15969..17969
    55 <223> OTHER INFORMATION: 3'regulatory region
    57 <220> FEATURE:
```

60 <223> OTHER INFORMATION: 20-828-311 : polymorphic base C or T

58 <221> NAME/KEY: allele 59 <222> LOCATION: 1239

RAW SEQUENCE LISTING

DATE: 08/01/2001 TIME: 12:21:15

PATENT APPLICATION: US/09/751,877

Input Set : D:\SEQLIST\Seqlist.txt

Output Set: N:\CRF3\08012001\I751877.raw

- 62 <220> FEATURE:
- 63 <221> NAME/KEY: allele
- 64 <222> LOCATION: 12347
- 65 <223> OTHER INFORMATION: 17-42-319 : polymorphic base C or T
- 67 <220> FEATURE:
- 68 <221> NAME/KEY: allele
- 69 <222> LOCATION: 15241
- 70 <223> OTHER INFORMATION: 17-41-250 : polymorphic base C or T
- 72 <220> FEATURE:
- 73 <221> NAME/KEY: allele
- 74 <222> LOCATION: 42218
- 75 <223> OTHER INFORMATION: 20-841-149 : polymorphic base A or G
- 77 <220> FEATURE:
- 78 <221> NAME/KEY: allele
- 79 <222> LOCATION: 45442
- 80 <223> OTHER INFORMATION: 20-842-115 : polymorphic base A or G
- 82 <220> FEATURE:
- 83 <221> NAME/KEY: allele
- 84 <222> LOCATION: 77058
- 85 <223> OTHER INFORMATION: 20-853-415 : polymorphic base C or T
- 87 <220> FEATURE:
- 88 <221> NAME/KEY: primer_bind
- 89 <222> LOCATION: 929..949
- 90 <223> OTHER INFORMATION: 20-828.pu
- 92 <220> FEATURE:
- 93 <221> NAME/KEY: primer_bind
- 94 <222> LOCATION: 1357..1377
- ·95 <223> OTHER INFORMATION: 20-828.rp complement
- 97 <220> FEATURE:
- 98 <221> NAME/KEY: primer_bind
- 99 <222> LOCATION: 12029..12050
- 100 <223> OTHER INFORMATION: 17-42.pu
- 102 <220> FEATURE:
- 103 <221> NAME/KEY: primer_bind
- 104 <222> LOCATION: 12581..12603
- 105 <223> OTHER INFORMATION: 17-42.rp complement
- 107 <220> FEATURE:
- 108 <221> NAME/KEY: primer_bind
- 109 <222> LOCATION: 14992..15012
- 110 <223> OTHER INFORMATION: 17-41.pu
- 112 <220> FEATURE:
- 113 <221> NAME/KEY: primer_bind
- 114 <222> LOCATION: 15460..15482
- 115 <223> OTHER INFORMATION: 17-41.rp complement
- 117 <220> FEATURE:
- 118 <221> NAME/KEY: primer_bind
- 119 <222> LOCATION: 42070..42090
- 120 <223> OTHER INFORMATION: 20-841.pu
- 122 <220> FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/751,877

DATE: 08/01/2001 TIME: 12:21:15

Input Set : D:\SEQLIST\Seqlist.txt

Output Set: N:\CRF3\08012001\1751877.raw

- 123 <221> NAME/KEY: primer_bind
- 124 <222> LOCATION: 42572..42591
- 125 <223> OTHER INFORMATION: 20-841.rp complement
- 127 <220> FEATURE:
- 128 <221> NAME/KEY: primer_bind .
- 129 <222> LOCATION: 45328..45347
- 130 <223> OTHER INFORMATION: 20-842.pu
- 132 <220> FEATURE:
- 133 <221> NAME/KEY: primer_bind
- 134 <222> LOCATION: 45863..45883
- 135 <223> OTHER INFORMATION: 20-842.rp complement
- 137 <220> FEATURE:
- 138 <221> NAME/KEY: primer_bind
- 139 <222> LOCATION: 76644..76664
- 140 <223> OTHER INFORMATION: 20-853.pu
- 142 <220> FEATURE:
- 143 <221> NAME/KEY: primer_bind
- 144 <222> LOCATION: 77166..77185
- 145 <223> OTHER INFORMATION: 20-853.rp complement
- 147 <220> FEATURE:
- 148 <221> NAME/KEY: primer_bind
- 149 <222> LOCATION: 1220..1238
- 150 <223> OTHER INFORMATION: 20-828-311.mis
- 152 <220> FEATURE:
- 153 <221> NAME/KEY: primer_bind
- 154 <222> LOCATION: 1240..1258
- 155 <223> OTHER INFORMATION: 20-828-311.mis complement
- 157 <220> FEATURE:
- 158 <221> NAME/KEY: primer_bind
- 159 <222> LOCATION: 12328..12346
- 160 <223> OTHER INFORMATION: 17-42-319.mis
- 162 <220> FEATURE:
- 163 <221> NAME/KEY: primer_bind
- 164 <222> LOCATION: 12348..12366
- 165 <223> OTHER INFORMATION: 17-42-319.mis complement
- 167 <220> FEATURE:
- 168 <221> NAME/KEY: primer_bind
- 169 <222> LOCATION: 15222..15240
- 170 <223> OTHER INFORMATION: 17-41-250.mis
- 172 <220> FEATURE:
- 173 <221> NAME/KEY: primer_bind
- 174 <222> LOCATION: 15242..15260
- 175 <223> OTHER INFORMATION: 17-41-250.mis complement
- 177 <220> FEATURE:
- 178 <221> NAME/KEY: primer_bind
- 179 <222> LOCATION: 42199..42217
- 180 <223> OTHER INFORMATION: 20-841-149.mis
- 182 <220> FEATURE:
- 183 <221> NAME/KEY: primer_bind

RAW SEQUENCE LISTING

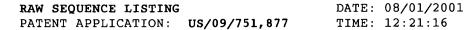
PATENT APPLICATION: US/09/751,877

DATE: 08/01/2001 TIME: 12:21:15

Input Set : D:\SEQLIST\Seqlist.txt

Output Set: N:\CRF3\08012001\I751877.raw

- 184 <222> LOCATION: 42219..42237
- 185 <223> OTHER INFORMATION: 20-841-149.mis complement
- 187 <220> FEATURE:
- 188 <221> NAME/KEY: primer_bind
- 189 <222> LOCATION: 45423..45441
- 190 <223> OTHER INFORMATION: 20-842-115.mis
- 192 <220> FEATURE:
- 193 <221> NAME/KEY: primer_bind
- 194 <222> LOCATION: 45443..45461
- 195 <223> OTHER INFORMATION: 20-842-115.mis complement
- 197 <220> FEATURE:
- 198 <221> NAME/KEY: primer_bind
- 199 <222> LOCATION: 77039..77057
- 200 <223> OTHER INFORMATION: 20-853-415.mis
- 202 <220> FEATURE:
- 203 <221> NAME/KEY: primer_bind
- 204 <222> LOCATION: 77059..77077
- 205 <223> OTHER INFORMATION: 20-853-415.mis complement
- 207 <220> FEATURE:
- 208 <221> NAME/KEY: misc_binding
- 209 <222> LOCATION: 1227..1251
- 210 <223> OTHER INFORMATION: 20-828-311.probe
- 212 <220> FEATURE:
- 213 <221> NAME/KEY: misc_binding
- 214 <222> LOCATION: 12335..12359
- 215 <223> OTHER INFORMATION: 17-42-319.probe
- 217 <220> FEATURE:
- 218 <221> NAME/KEY: misc_binding
- 219 <222> LOCATION: 15229..15253
- 220 <223> OTHER INFORMATION: 17-41-250.probe
- 222 <220> FEATURE:
- 223 <221> NAME/KEY: misc_binding
- 224 <222> LOCATION: 42206..42230
- 225 <223> OTHER INFORMATION: 20-841-149.probe
- 227 <220> FEATURE:
- 228 <221> NAME/KEY: misc_binding
- 229 <222> LOCATION: 45430..45454
- 230 <223> OTHER INFORMATION: 20-842-115.probe
- 232 <220> FEATURE:
- 233 <221> NAME/KEY: misc_binding
- 234 <222> LOCATION: 77046..77070
- 235 <223> OTHER INFORMATION: 20-853-415.probe
- 237 <400> SEQUENCE: 1
- 238 cctcctgata tgacatcatg tgaacttctc acttcacctt taagtattct tagccaggca 60
 239 cagtggcaca tgcttgaaat cccagcactt tgggaggctg aggcaggggg atcgcttgag 120
 240 gccaggattt caagaccagc ctgagcaaca tgtcaagacc cccacctcta caaaaaatta 180
- 240 gccaggattt caagaccage etgagcaaca tgtcaagace eecaceteta caaaaaatta 180 241 aaaagttage caggtgtggt ggtcatgeet gtageeecag etaettagga ggetgaggtg 240
- 242 ggaggatcac ttgagcccag gagtttgagg ctgcagtgag ctatgatcac accactgcac 300
- 243 tocagotgga tgacagagca agaccotgto toaaaaaaca aaacaaaaca aaaaacaccg 360



Input Set : D:\SEQLIST\Seqlist.txt
Output Set: N:\CRF3\08012001\I751877.raw

244	aaaaaacccc	acagtaaatt	agaagaaagc	tgcataaatt	agaagaagct	gatgtgaaat	420
245	cctgagtcca	tggttcaatt	taggagggac	catctggaga	gcagggaacc	cccaaaagtc	480
246	agtttcttta	ggcttatttc	cttgggccag	ccaaatttct	cagggagaat	gttgttccat	540
247	tttcaatatg	gggaaagatg	gtgaactgag	gagtctttta	aaaaaattta	tttttgagat	600
248	ggggtctcat	tctgtcgccc	aggctagaga	gcagtagcat	gatcatggct	cactgcggtc	660
249	tctaactcgt	gggctcaagt	aatccttctg	cctcagcctc	ctgagtagct	aggaccacag	720
250	gtgccaccat	acctggctaa	tttttgtatt	ctttgcagag	acagggtctc	gctacattgc	780
251	ccaggctggt	atcgaactcc	tgggctcaag	cgatcctcct	gccttgcctt	ctcaaagtgt	840
252	tgggattaca	ggcatgagcc	actgtgccca	gcctcaaaat	ttaatgtata	aagttttcct	900
253	taatttttct	tagcacaaaa	accetggeee	ccaacaatac	ctagttttct	ccaggccgga	960
254	gtcccactct	tttacccttt	tcagagagaa	taagcatctg	gttttctgct	gctttggggg	1020
		agtagagttg					1080
		agtcccactg					1140
		agtttagtag					1200
		gtcaggtgtg					1260
		gttatttttg					1320
		ttcaatgcca					1380
		accetccett					1440
		taaaagttat			_		1500
		gtctgaccta					1560
		aggctgctga					1620
		atattttagt					1680
		gtttttgagc					1740
	_	aaatgagata					1800
		ggccgaggcg					1860
		agacccccgt					1920
		gtcctagcta					1980
		gcagtgatta					2040
		aacaaacaaa					2100
		taggtagaac					2160
	-	aagtgtgtgt	_	-	•		2220
		tcattgctcc					2280
		agatttttag					2340
		ttaacttctt					2400
	-	tcctttcagt		_			2460
	-	gtgtgtagat			_		2520
	-	tctgcagatt	-		-	_	2580
		caggatgctt					2640
		cagccatcat					2700
		ctacaggcat					2760
				_	_	tctgtggccc	2820
		gcaattgcat					2880
		cctcagtctc					2940
	_	tatttttagt			-		3000
		caggtgatcc					3060
	_	cctggccaat		•			3120
		gtgcctggtc					3120
		ctaccttcta					3240
		gactatattt					3300
272	ucuccacaac	guctutatt	LLLLCALLLA	Lagarytick	u u u u u u u u u u		2200

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/751,877

DATE: 08/01/2001

TIME: 12:21:17

Input Set : D:\SEQLIST\Seqlist.txt

Output Set: N:\CRF3\08012001\I751877.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date